

IN THE CLAIMS

This listing of the claim will replace all prior versions and listings of claim in the present application.

Listing of Claims

1. (currently amended) A motion picture transmission method for transmitting ~~video data~~ a motion picture signal input from an input terminal to a plurality of video reception units, respectively, through a video transmission unit and a plurality of ~~a~~ transmission line lines, each of which has a different transmission speed that a motion picture signal is coded in a video transmission unit, said method comprising the steps of:

generating at least Intra (I) picture data and a plurality of Predictive (P) picture data based on said motion picture signal in said video transmission unit; and

storing at least said I picture data and a plurality of said P picture data in a memory unit of said video transmission unit; and

transmitting said I picture data and a predetermined ~~different~~ number of P picture data in accordance with a request/response to different transmission speeds of a plurality of said transmission lines from said memory unit of said video transmission line unit to a plurality of video reception units, respectively.

Claim 2 (canceled).

3. (currently amended) A motion picture transmission method according to claim 2₁, wherein said video transmission unit encodes said

~~motion picture signal based on the bases of either one of Motion Picture Experts Group (MPEG)-4 and MPEG-2.~~

4. (currently amended) A motion picture transmission method according to claim 1, wherein in the case where it is determined that said I picture data motion picture signal comprises:

at least first I picture data and second I picture data,
a transmission of said P picture data subsequent to said first I picture data is cancelled in response to said transmission speed which is low, and transmission is started from said second I picture data is transmitted subsequent to said first I picture data.

5. (currently amended) A motion picture transmission method according to claim 1, wherein when the number of said P picture data is changed in response to said transmission speed of said transmission line, the number of P picture data subsequent to said I picture data is changed in accordance with the transmission speed of said transmission line, said P picture data being continuous, and the changed number of said P picture data is transmitted.

6. (currently amended) A motion picture transmission method according to claim 1, wherein said video transmission unit stores the number of I picture data and a plurality predetermined number of P picture data according to a request from in response to said transmission speed of said transmission line, and transmits said stored I picture data and P picture data

are transmitted as stream data of a Group of Pictures (GOP) unit to said transmission line.

7. (currently amended) A motion picture transmission system comprising:

an input terminal to which a motion picture signal is applied;

a video transmission unit, coupled to said input terminal, for encoding a motion picture signal;

a plurality of transmission line-lines, coupled to said video transmission unit, for transmitting video data encoded in said video transmission unit, each of which has a different transmission speed; and

a plurality of video reception unit-units, coupled to a plurality of said transmission lines, respectively, for receiving said video data transmitted via said transmission line-lines,

wherein said video transmission unit includes:

generator for generating at least an Intra (I) picture data and a plurality of Predictive (P) picture data, and

a memory unit for storing said I picture data and a plurality of said P picture data; and

selector for selecting said I picture data and a predetermined-different number of P picture data in response to said transmission speeds of a plurality of accordance with a request from said transmission line-lines to transmit a plurality of said video reception units, respectively.

Claim 8 (canceled).

9. (currently amended) A motion picture transmission system according to claim 8₇, wherein the means for changing the number of said P picture data in accordance with response to said transmission speed speeds of a plurality of said transmission line-lines and transmitting the changed number of said P picture data includes means for changing the number of P picture data subsequent to said I picture data.

10. (currently amended) A motion picture transmission system according to claim 7, wherein said image transmission unit further comprises a memory unit, said memory unit stores the number of I picture data and a plurality different number of said of P picture data in response to said transmission speeds of a plurality of according to a request from said transmission lines, and wherein said video transmission unit converts said stored I picture data and P picture data into stream data of a Group of Pictures (GOP) unit and transmits said stream data to said transmission lines.

Claim 11 (canceled).

12. (currently amended) A motion picture transmission apparatus comprising:
an input terminal to which a motion picture signal is applied;

a coding unit coupled with said input terminal, for converting a said
motion picture signal into at least Intra (I) picture data and a plurality of
Predictive (P) picture data;
a memory unit for storing said I and P picture data;
an output unit for outputting said I and P picture data; and
a plurality of transmission lines, coupled to said output unit, for
transmitting said I and P picture data, each of which has a different
transmission speed;
a plurality of video reception units, coupled to a plurality of said
transmission lines, respectively; and
a control unit for controlling said output unit,
wherein said control unit controls the number of I picture data and the a
different number of P picture data output from said output unit in accordance
with a request from response to said transmission speeds of said a
transmission lines.

Claim 13 (canceled).

14. (currently amended) A motion picture transmission apparatus
according to claim 1312, wherein in the case of changing the controlling a
different number of said P picture data in accordance with a request
from response to said transmission speed of said transmission line, and
transmitting them, the number of P picture data subsequent to said I picture
data is changed, said P picture data being continuous, and the changed
number of P picture data is transmitted.

15. (currently amended) A motion picture transmission apparatus according to claim 12, wherein said memory unit stores the number of I picture data and a plurality different number of P picture data according to a request from in response to said transmission speeds of said transmission lines, and

wherein said control unit converts said stored I picture data and P picture data into stream data of the Group of Pictures (GOP) unit and transmits the stream data from said output unit.